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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Terence Sean Sullivan et al.  
Serial No: 09/943,652  
Confirmation No: 9283  
Filed: August 30, 2001  
For: METHOD AND APPARATUS FOR TUNING ION  
IMPLANTERS  
Examiner: Kiet Tuan Nguyen  
Art Unit: 2881

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 22nd day of March, 2005.

  
Janine Camilla

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT**

In response to the Office Action mailed September 22, 2004, please amend the above-identified application as follows.

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